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Philips Automotive Lighting H8/H16



PHILIPS

Philips X-tremeUltinon LED Fog Bulb User Manual

MODEL: H8/H16

1. Introduction

Thank you for choosing Philips Automotive Lighting X-tremeUltinon LED Fog Bulbs. These bulbs are designed to provide superior arctic white light, enhancing visibility and the aesthetic of your vehicle. This manual provides essential information for the safe installation, operation, and maintenance of your new LED fog bulbs.

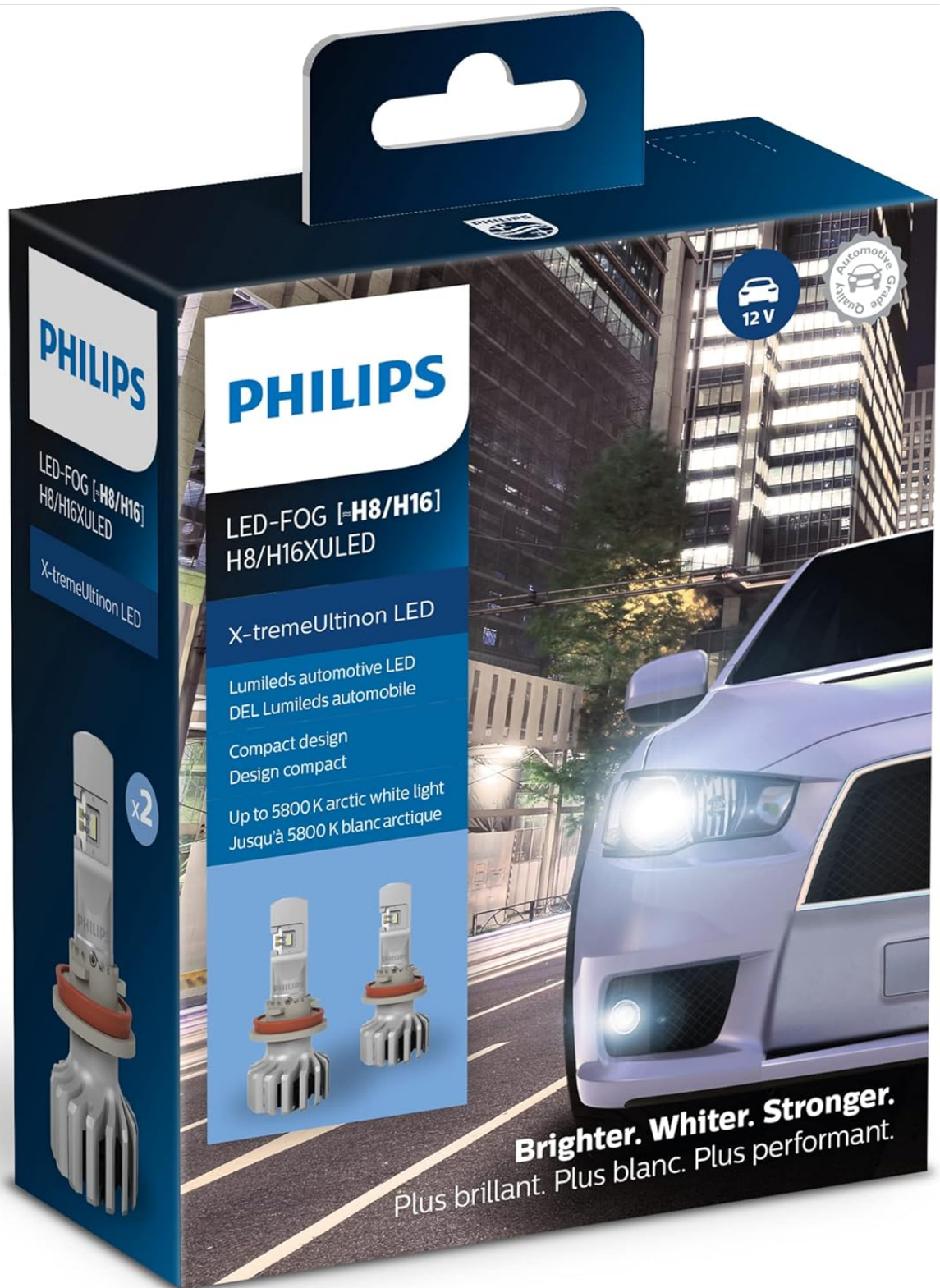


Image 1: Philips H8/H16 X-tremeUltinon LED Fog Bulb packaging and the two LED bulbs.

2. Safety Information

Please read and understand all safety instructions before installation or use. Failure to follow these instructions may result in electric shock, injury, or damage to the product or vehicle.

- Always disconnect the vehicle's battery before performing any electrical work to prevent electric shock.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Do not touch the LED surface directly with bare hands. Oils from your skin can reduce the lifespan and performance

of the bulb.

- Ensure the bulbs are securely installed to prevent vibration damage.
- Consult your vehicle's owner's manual for specific instructions regarding fog light access and replacement.
- If you are unsure about the installation process, seek assistance from a qualified automotive technician.

3. Package Contents

Verify that all items are present in the package:

- 2 x Philips H8/H16 X-tremeUltinon LED Fog Bulbs

4. Setup (Installation)

The installation process for LED fog bulbs is generally straightforward, but may vary depending on your vehicle's make and model. Always refer to your vehicle's service manual for precise instructions.

1. **Prepare the Vehicle:** Park your vehicle on a level surface, engage the parking brake, and turn off the engine. Allow the engine and lights to cool down if they have been recently used.
2. **Disconnect Battery:** For safety, disconnect the negative terminal of your vehicle's battery.
3. **Access Fog Light Housing:** Locate the fog light assembly. Depending on your vehicle, you may need to access it from under the bumper, through the wheel well (by removing fender liner clips), or from the engine bay.
4. **Remove Old Bulb:** Twist the old fog bulb counter-clockwise to unlock it from its housing. Carefully pull it out. Disconnect the electrical connector by pressing the release tab and pulling apart.
5. **Install New LED Bulb:** Connect the electrical connector of the Philips LED fog bulb to the vehicle's wiring harness. Ensure the connection is secure. Insert the LED bulb into the fog light housing, aligning the tabs, and twist clockwise to lock it into place. Ensure the bulb is seated firmly and correctly oriented.
6. **Test Functionality:** Reconnect the vehicle's battery. Turn on your vehicle's fog lights to verify that both new LED bulbs are functioning correctly.
7. **Reassemble:** Once confirmed working, reassemble any removed vehicle components (e.g., fender liner, bumper covers).

5. Operating Instructions

Philips X-tremeUltinon LED Fog Bulbs are designed for plug-and-play operation. Once installed, they will function with your vehicle's existing fog light switch and controls. Simply activate your vehicle's fog lights as you normally would.

- The bulbs provide instant-on, bright arctic white light (up to 5800K).
- Ensure your vehicle's electrical system is functioning correctly for optimal performance.

6. Maintenance

Philips X-tremeUltinon LED Fog Bulbs require minimal maintenance due to their durable design and long lifespan.

- **Cleaning:** If necessary, gently wipe the exterior of the bulb with a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the fog light assembly for any signs of damage or loose connections.
- **No User-Serviceable Parts:** The LED bulbs do not contain any user-serviceable parts. Do not attempt to disassemble them.

7. Troubleshooting

If you encounter issues with your Philips LED fog bulbs, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up	Loose electrical connection, blown fuse, incorrect installation.	Check all electrical connections. Inspect vehicle's fuse box for a blown fog light fuse. Re-install the bulb ensuring it is properly seated and connected.
Bulb flickers	Unstable electrical connection, voltage fluctuations.	Ensure all connections are tight and secure. If flickering persists, consult a professional technician to check vehicle's electrical system.
Only one bulb lights up	Faulty bulb, loose connection on one side.	Check the connection for the non-working bulb. If connections are secure, swap the bulbs to determine if the issue is with the bulb or the vehicle's wiring.

If troubleshooting steps do not resolve the issue, please contact Philips Automotive Lighting customer support or a certified mechanic.

8. Specifications

- **Brand:** Philips Automotive Lighting
- **Model:** H8/H16 X-tremeUltinon LED Fog Bulb
- **Color Temperature:** Up to 5800K (Arctic White)
- **Fit Type:** Vehicle Specific Fit
- **Auto Part Position:** Front
- **Item Package Quantity:** 1 (contains 2 bulbs)
- **UPC:** 046678001918
- **Item Weight:** 6 ounces
- **Package Dimensions:** 5.59 x 4.45 x 2.17 inches

9. Warranty and Support

For warranty information, please refer to the documentation included with your product or visit the official Philips Automotive Lighting website. If you require technical assistance or have questions not covered in this manual, please contact Philips Automotive Lighting customer support.

Philips Automotive Lighting Customer Support: www.philips.com/automotive

